

A B S T R A C T

5 The invention proposes a form of video source coding
that is particularly suitable for transmission over a
channel at a low bit rate and with a high error rate,
such as a wireless transmission channel. It proposes to
use block coding with motion prediction and employing a
plurality of reference pictures. The reference pictures
are subjected to block effect filtering. A reference
10 picture is selected when coding a picture. By using a
plurality of reference pictures, the invention limits
transmission channel time propagation errors. Because
the reference pictures are subjected to block effect
filtering, transmission timing errors are corrected
15 independently of intrinsic errors caused by block coding.

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